

=> s hire1#

L1 8 HIRE1#

=> duplicate remove

ENTER L# LIST OR (END):l1

DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, USPATFULL'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L1

L2 5 DUPLICATE REMOVE L1 (3 DUPLICATES REMOVED)

=> d 1-5

L2 ANSWER 1 OF 5 USPATFULL

AN 2002:27095 USPATFULL

TI Method for treatment of neurodegenerative diseases

IN Kim, Tae-Wan, Fort Lee, NJ, UNITED STATES

Tanzi, Rudolph E., Hull, MA, UNITED STATES

Yoo, Andrew S., Fort Lee, NJ, UNITED STATES

PA The General Hospital Corporation (U.S. corporation)

PI US 2002015941 A1 20020207

AI US 2001-814179 A1 20010322 (9)

RLI Continuation of Ser. No. WO 2000-US20138, filed on 25 Jul 2000, UNKNOWN

PRAI US 2000-191109P 20000322 (60)

DT Utility

FS APPLICATION

LN.CNT 1637

INCL INCLM: 435/004.000

INCLS: 514/002.000

NCL NCLM: 435/004.000

NCLS: 514/002.000

IC [7]

ICM: A01N037-18

ICS: A61K038-00; C12Q001-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 5 MEDLINE

DUPLICATE 1

AN 2000472655 MEDLINE

DN 20418072 PubMed ID: 10856300

TI Activation of ATF6 and an ATF6 DNA binding site by the endoplasmic reticulum stress response.

AU Wang Y; Shen J; Arenzana N; Tirasophon W; Kaufman R J; Prywes R

CS Department of Biological Sciences, Columbia University, New York, New York 10027, USA.

NC CA50329 (NCI)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Sep 1) 275 (35) 27013-20.

Journal code: 2985121R. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200010

ED Entered STN: 20001012

Last Updated on STN: 20001012

Entered Medline: 20001003

L2 ANSWER 3 OF 5 MEDLINE

AN 2001052898 MEDLINE

DN 20523811 PubMed ID: 11069889

TI The endoribonuclease activity of mammalian IRE1 autoregulates its mRNA and is required for the unfolded protein response.

AU Tirasophon W; Lee K; Callaghan B; Welihinda A; Kaufman R J

CS Department of Biological Chemistry, University of Michigan Medical Center, Ann Arbor, Michigan 48109-0650, USA.

SO GENES AND DEVELOPMENT, (2000 Nov 1) 14 (21) 2725-36.

Journal code: 8711660. ISSN: 0890-9369.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals
EM 200012
ED Entered STN: 20010322
Last Updated on STN: 20030211
Entered Medline: 20001212

L2 ANSWER 4 OF 5 MEDLINE DUPLICATE 2
AN 1999366842 MEDLINE
DN 99366842 PubMed ID: 10440230
TI The cellular response to protein misfolding in the endoplasmic reticulum.
AU Welihinda A A; Tirasophon W; Kaufman R J
CS Department of Biological Chemistry, The University of Michigan Medical Center, Ann Arbor 48109-0650, USA.
SO GENE EXPRESSION, (1999) 7 (4-6) 293-300. Ref: 51
Journal code: 9200651. ISSN: 1052-2166.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 199910
ED Entered STN: 19991101
Last Updated on STN: 19991101
Entered Medline: 19991020

L2 ANSWER 5 OF 5 MEDLINE DUPLICATE 3
AN 1998301437 MEDLINE
DN 98301437 PubMed ID: 9637683
TI A stress response pathway from the endoplasmic reticulum to the nucleus requires a novel bifunctional protein kinase/endoribonuclease (Irelp) in mammalian cells.
AU Tirasophon W; Welihinda A A; Kaufman R J
CS Department of Biological Chemistry and the Howard Hughes Medical Institute, University of Michigan Medical Center, Ann Arbor, Michigan 48109, USA.
SO GENES AND DEVELOPMENT, (1998 Jun 15) 12 (12) 1812-24.
Journal code: 8711660. ISSN: 0890-9369.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF059198
EM 199807
ED Entered STN: 19980811
Last Updated on STN: 20030218
Entered Medline: 19980727

=> s IRE1#

L3 289 IRE1#

=> s l3 (12a) mammalian

L4 54 L3 (12a) MAMMALIAN

=> duplicate remove

ENTER L# LIST OR (END):l4

DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, USPATFULL'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L4

L5 40 DUPLICATE REMOVE L4 (14 DUPLICATES REMOVED)

=> d 1-40

L5 ANSWER 1 OF 40 MEDLINE
AN 2003075431 MEDLINE
DN 22474008 PubMed ID: 12586055
TI IRE1: a role in UPRegulation of ER degradation.
CM Comment on: Dev Cell. 2003 Feb;4(2):265-71

AU Hampton Randolph Y
 CS Division of Biological Sciences, Section of Cell and Developmental
 Biology, University of California, San Diego, La Jolla, CA 92103, USA.
 SO Dev Cell, (2003 Feb) 4 (2) 144-6. Ref: 10
 Journal code: 101120028. ISSN: 1534-5807.
 CY United States
 DT Commentary
 Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200303
 ED Entered STN: 20030215
 Last Updated on STN: 20030316
 Entered Medline: 20030314

L5 ANSWER 2 OF 40 USPATFULL
 AN 2003:10578 USPATFULL
 TI Methods of screening test substances for treating or preventing diseases
 involving an oxidative stress
 IN Ron, David, New York, NY, UNITED STATES
 Harding, Heather P., Brooklyn, NY, UNITED STATES
 PA New York University (U.S. corporation)
 PI US 2003008272 A1 20030109
 AI US 2002-150759 A1 20020517 (10)
 PRAI US 2001-292054P 20010518 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 2567
 INCL INCLM: 435/004.000
 INCLS: 435/006.000
 NCL NCLM: 435/004.000
 NCLS: 435/006.000
 IC [7]
 ICM: C12Q001-00
 ICS: C12Q001-68
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 40 MEDLINE DUPLICATE 1
 AN 2003075445 MEDLINE
 DN 22474022 PubMed ID: 12586069
 TI ~~A time-dependent-phase-shift-in-the mammalian unfolded protein response.~~
 CM Comment in: Dev Cell. 2003 Feb;4(2):144-6
 AU Yoshida Hiderou; Matsui Toshie; Hosokawa Nobuko; Kaufman Randal J; Nagata
 Kazuhiro; Mori Kazutoshi
 CS Graduate School of Biostudies, Kyoto University, Kyoto 606-8304, Japan.
 NC AI42394 (NIAID)
 SO Dev Cell, (2003 Feb) 4 (2) 265-71.
 Journal code: 101120028. ISSN: 1534-5807.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200303
 ED Entered STN: 20030215
 Last Updated on STN: 20030316
 Entered Medline: 20030314

L5 ANSWER 4 OF 40 MEDLINE
 AN 2003068652 IN-PROCESS
 DN 22466728 PubMed ID: 12579374
 TI Differential expression of genes influenced by changing salinity using RNA
 arbitrarily primed PCR in the archaeal halophile Haloferax volcanii.
 AU Bidle Kelly A
 CS Marine Biology Research Division, Scripps Institution of Oceanography, La
 Jolla, CA 92093-0202, USA, . kbidle@rider.edu
 SO EXTREMOPHILES, (2003 Feb) 7 (1) 1-7.
 Journal code: 9706854. ISSN: 1431-0651.

CY Germany: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals; Space Life Sciences
ED Entered STN: 20030212
Last Updated on STN: 20030212

L5 ANSWER 5 OF 40 USPATFULL
AN 2002:287545 USPATFULL
TI 2ER membrane and lumenal protein interaction yeast two-hybrid assay
IN Pelletier, Marc F., Branford, CT, UNITED STATES
Jansen, Gregor, Montreal, CANADA
Bergeron, John J.M., Pointe-Claire, CANADA
Thomas, David Y., Montreal-West, CANADA
PA NATIONAL RESEARCH COUNCIL OF CANADA, Ottawa, ON, CANADA (U.S.
corporation)
PI US 2002160408 A1 20021031
AI US 2002-118937 A1 20020410 (10)
PRAI CA 2001-2358758 20011009
US 2001-282854P 20010411 (60)
DT Utility
FS APPLICATION
LN.CNT 533
INCL INCLM: 435/006.000
INCLS: 435/254.200; 435/483.000
NCL NCLM: 435/006.000
NCLS: 435/254.200; 435/483.000
IC [7]
ICM: C12Q001-68
ICS: C12N001-18; C12N015-74
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 40 USPATFULL
AN 2002:175281 USPATFULL
TI Genetic selection method for identifying ligands for transmembrane
proteins
IN Silver, Pamela, Cambridge, MA, United States
Roberts, Tom, Cambridge, MA, United States
Stiles, Charles, Newton, MA, United States
PA Dana-Farber Cancer Institute, Inc., Boston, MA, United States (U.S.
corporation)
PI US 6420529 B1 20020716
AI ~~US 1998-35233~~ ~~19980305~~ (9)
PRAI US 1997-39295P 19970307 (60)
DT Utility
FS GRANTED
LN.CNT 652
INCL INCLM: 530/371.000
INCLS: 530/350.000; 536/023.500; 435/069.700
NCL NCLM: 530/371.000
NCLS: 435/069.700; 530/350.000; 536/023.500
IC [7]
ICM: C07K019-00
EXF 530/350; 530/371; 435/69.1; 435/69.7; 435/252.3; 435/254.11; 536/23.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 40 MEDLINE
AN 2002688867 MEDLINE
DN 22337234 PubMed ID: 12446770
TI Heat shock protein 90 modulates the unfolded protein response by
stabilizing IRE1alpha.
AU Marcu Monica G; Doyle Melissa; Bertolotti Anne; Ron David; Hendershot
Linda; Neckers Len
CS Cell and Cancer Biology Branch, National Cancer Institute, National
Institutes of Health, Rockville, Maryland 20850, USA.
SO MOLECULAR AND CELLULAR BIOLOGY, (2002 Dec) 22 (24) 8506-13.
Journal code: 8109087. ISSN: 0270-7306.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals
EM 200301
ED Entered STN: 20021214
Last Updated on STN: 20030114
Entered Medline: 20030113

L5 ANSWER 8 OF 40 MEDLINE DUPLICATE 2
AN 2002442354 MEDLINE
DN 22188269 PubMed ID: 12200314
TI Rickettsia monacensis sp. nov., a spotted fever group Rickettsia, from ticks (Ixodes ricinus) collected in a European city park.
AU Simser Jason A; Palmer Ann T; Fingerle Volker; Wilske Bettina; Kurtti Timothy J; Munderloh Ulrike G
CS Department of Entomology, University of Minnesota, St. Paul, Minnesota 55108, USA.
NC AI49424 (NIAID)
AR37909 (NIAMS)
SO APPLIED AND ENVIRONMENTAL MICROBIOLOGY, (2002 Sep) 68 (9) 4559-66.
Journal code: 7605801. ISSN: 0099-2240.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200210
ED Entered STN: 20020830
Last Updated on STN: 20021012
Entered Medline: 20021011

L5 ANSWER 9 OF 40 MEDLINE
AN 2002678457 MEDLINE
DN 22326498 PubMed ID: 12438434
TI Orchestrating the unfolded protein response in health and disease.
AU Kaufman Randal J
CS Department of Biological Chemistry, Howard Hughes Medical Institute, University of Michigan Medical Center, Ann Arbor 48109-0650, USA..
kaufmanr@umich.edu
NC AI-42394 (NIAID)
SO JOURNAL OF CLINICAL INVESTIGATION, (2002 Nov) 110 (10) 1389-98. Ref: 88
Journal code: 7802877. ISSN: 0021-9738.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
~~General Review; (REVIEW)~~
(REVIEW, TUTORIAL)

LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200301
ED Entered STN: 20021120
Last Updated on STN: 20030202
Entered Medline: 20030131

L5 ANSWER 10 OF 40 MEDLINE
AN 2002308047 MEDLINE
DN 22045257 PubMed ID: 12050113
TI ASK1 is essential for endoplasmic reticulum stress-induced neuronal cell death triggered by expanded polyglutamine repeats.
AU Nishitoh Hideki; Matsuzawa Atsushi; Tobiume Kei; Saegusa Kaoru; Takeda Kohsuke; Inoue Kiyoshi; Hori Seiji; Kakizuka Akira; Ichijo Hidenori
CS Laboratory of Cell Signaling, Graduate School, Tokyo Medical and Dental University, Bunkyo-ku 113-8549, Japan.
SO GENES AND DEVELOPMENT, (2002 Jun 1) 16 (11) 1345-55.
Journal code: 8711660. ISSN: 0890-9369.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200207
ED Entered STN: 20020611
Last Updated on STN: 20020707

Entered Medline: 20020705

L5 ANSWER 11 OF 40 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 2002:369674 BIOSIS

DN PREV200200369674

TI Transcription factors activated by ER stress.

AU Mori, Kazutoshi (1)

CS (1) Graduate School of Biostudies, Kyoto University, 46-29
Yoshida-Shimoadachi, Sakyo-ku, Kyoto, Kyoto, 606-8304 Japan

SO FASEB Journal, (March 22, 2002) Vol. 16, No. 5, pp. A892.

<http://www.fasebj.org/>. print.

Meeting Info.: Annual Meeting of Professional Research Scientists on
Experimental Biology New Orleans, Louisiana, USA April 20-24, 2002
ISSN: 0892-6638.

DT Conference

LA English

L5 ANSWER 12 OF 40 MEDLINE

AN 2002130037 MEDLINE

DN 21838686 PubMed ID: 11850408

TI IRE1-mediated unconventional mRNA splicing and S2P-mediated ATF6 cleavage
merge to regulate XBP1 in signaling the unfolded protein response.

AU Lee Kyungho; Tirasophon Witoon; Shen Xiaohua; Michalak Marek; Prywes Ron;
Okada Tetsuya; Yoshida Hiderou; Mori Kazutoshi; Kaufman Randal J

CS Howard Hughes Medical Institute, University of Michigan Medical Center,
Ann Arbor, Michigan 48109, USA.

NC AI42394 (NIAID)

SO GENES AND DEVELOPMENT, (2002 Feb 15) 16 (4) 452-66.

Journal code: 8711660. ISSN: 0890-9369.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200204

ED Entered STN: 20020228

Last Updated on STN: 20020406

Entered Medline: 20020405

L5 ANSWER 13 OF 40 MEDLINE

AN 2002054241 MEDLINE

DN 21638821 PubMed ID: 11780124

TI IRE1 couples endoplasmic reticulum load to secretory capacity by
processing the XBP-1 mRNA.

CM Erratum in: Nature 2002 Nov 14;420(6912):202

AU Calfon Marcella; Zeng Huiqing; Urano Fumihiko; Till Jeffery H; Hubbard
Stevan R; Harding Heather P; Clark Scott G; Ron David

CS Skirball Institute of Biomolecular Medicine, New York University School of
Medicine, New York, NY 10016, USA.

SO NATURE, (2002 Jan 3) 415 (6867) 92-6.

Journal code: 0410462. ISSN: 0028-0836.

CY England: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200201

ED Entered STN: 20020125

Last Updated on STN: 20021214

Entered Medline: 20020129

L5 ANSWER 14 OF 40 MEDLINE

AN 2001701265 MEDLINE

DN 21617755 PubMed ID: 11742232

TI Up-regulation of the Ire1-mediated signaling molecule, Bip, in ischemic
rat brain.

AU Ito D; Tanaka K; Suzuki S; Dembo T; Kosakai A; Fukuuchi Y

CS Department of Neurology, School of Medicine, Keio University, 35
Shinanomachi, Shinjuku-ku, Tokyo, 160-8582, Japan.

SO NEUROREPORT, (2001 Dec 21) 12 (18) 4023-8.

Journal code: 9100935. ISSN: 0959-4965.

CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200203
ED Entered STN: 20011220
Last Updated on STN: 20020319
Entered Medline: 20020318

L5 ANSWER 15 OF 40 MEDLINE DUPLICATE 3
AN 2001543347 MEDLINE
DN 21474380 PubMed ID: 11590247
TI Alterations in an IRE1-RNA complex in the mammalian
unfolded protein response.
AU Bertolotti A; Ron D
CS Skirball Institute of Biomolecular Medicine, and the Kaplan Cancer Center,
New York University School of Medicine, New York, NY 10016, USA.
NC DK47119 (NIDDK)
ES08681 (NIEHS)
SO JOURNAL OF CELL SCIENCE, (2001 Sep) 114 (Pt 17) 3207-12.
Journal code: 0052457. ISSN: 0021-9533.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200112
ED Entered STN: 20011010
Last Updated on STN: 20020420
Entered Medline: 20011231

L5 ANSWER 16 OF 40 MEDLINE DUPLICATE 4
AN 2001653439 MEDLINE
DN 21563069 PubMed ID: 11706177
TI Molecular characterization of two Arabidopsis Ire1 homologs, endoplasmic
reticulum-located transmembrane protein kinases.
AU Koizumi N; Martinez I M; Kimata Y; Kohno K; Sano H; Chrispeels M J
CS Division of Biology, University of California San Diego, La Jolla, CA
92039-0116, USA.
SO PLANT PHYSIOLOGY, (2001 Nov) 127 (3) 949-62.
Journal code: 0401224. ISSN: 0032-0889.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200202
ED Entered STN: 20011114
Last Updated on STN: 20030211
Entered Medline: 20020214

L5 ANSWER 17 OF 40 MEDLINE DUPLICATE 5
AN 2001517159 MEDLINE
DN 21448112 PubMed ID: 11563865
TI Differences in HAC1 mRNA processing and translation between yeast and
mammalian cells indicate divergence of the eukaryotic ER stress response.
AU Bowring C E; Llewellyn D H
CS Department of Medical Biochemistry, University of Wales College of
Medicine, Heath Park, Cardiff, Wales, CF14 4XN, United Kingdom.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2001 Sep 28) 287 (3)
789-800.
Journal code: 0372516. ISSN: 0006-291X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200111
ED Entered STN: 20010924
Last Updated on STN: 20030218
Entered Medline: 20011101

L5 ANSWER 18 OF 40 MEDLIN
AN 2001680227 MEDLINE
DN 21583221 PubMed ID: 11726207
TI Activation of JNK and transcriptional repressor ATF3/LRF1 through the
IRE1/TRAF2 pathway is implicated in human vascular endothelial cell death
by homocysteine.
AU Zhang C; Kawauchi J; Adachi M T; Hashimoto Y; Oshiro S; Aso T; Kitajima S
CS Department of Biochemical Genetics, Medical Research Institute, Tokyo
Medical and Dental University, 1-5-45, Yushima, Bunkyo-ku, Tokyo 113-8510,
Japan.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2001 Dec 7) 289 (3)
718-24.
Journal code: 0372516. ISSN: 0006-291X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200201
ED Entered STN: 20011203
Last Updated on STN: 20020420
Entered Medline: 20020102

L5 ANSWER 19 OF 40 MEDLINE
AN 2001160056 MEDLINE
DN 21136035 PubMed ID: 11238559
TI Increased sensitivity to dextran sodium sulfate colitis in
IRE1beta-deficient mice.
AU Bertolotti A; Wang X; Novoa I; Jungreis R; Schlessinger K; Cho J H; West A
B; Ron D
CS Skirball Institute of Biomolecular Medicine, Departments of Medicine and
Cell Biology, and the Kaplan Cancer Center, New York University School of
Medicine, New York, New York, USA.
NC CA-60945 (NCI)
DK-47119 (NIDDK)
SO JOURNAL OF CLINICAL INVESTIGATION, (2001 Mar) 107 (5) 585-93.
Journal code: 7802877. ISSN: 0021-9738.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200104
ED Entered STN: 20010417
~~Last Updated on STN: 20020420~~
Entered Medline: 20010412

L5 ANSWER 20 OF 40 MEDLINE
AN 2001241921 MEDLINE
DN 21242533 PubMed ID: 11343907
TI Intracellular signaling from the endoplasmic reticulum to the nucleus: the
unfolded protein response in yeast and mammals.
AU Patil C; Walter P
CS Howard Hughes Medical Institute, Department of Biochemistry and
Biophysics, University of California at San Francisco, San Francisco, CA
94143, USA.
SO CURRENT OPINION IN CELL BIOLOGY, (2001 Jun) 13 (3) 349-55. Ref: 54
Journal code: 8913428. ISSN: 0955-0674.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200107
ED Entered STN: 20010723
Last Updated on STN: 20030211
Entered Medline: 20010719

L5 ANSWER 21 OF 40 MEDLINE
AN 2002612087 MEDLINE

DN 22257441 PubMed ID: 12373
TI Mif1: a missing link between the unfolded protein response pathway and
ER-associated protein degradation?.
AU van Laar T; van der Eb A J; Terleth C
CS MGC-Department of Radiation Genetics and Chemical Mutagenesis, P. O. Box
9503, 2300 RA Leiden, the Netherlands.. T.van_Laar@LUMC.nl
SO Curr Protein Pept Sci, (2001 Jun) 2 (2) 169-90. Ref: 128
Journal code: 100960529. ISSN: 1389-2037.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LA English
FS Priority Journals
EM 200211
ED Entered STN: 20021010
Last Updated on STN: 20021213
Entered Medline: 20021112

L5 ANSWER 22 OF 40 MEDLINE
AN 2001180199 MEDLINE
DN 21113121 PubMed ID: 11175748
TI Translational control by the ER transmembrane kinase/ribonuclease IRE1
under ER stress.
AU Iwawaki T; Hosoda A; Okuda T; Kamigori Y; Nomura-Furuwatari C; Kimata Y;
Tsuru A; Kohno K
CS Research and Education Center for Genetic Information, Nara Institute of
Science and Technology, 8916-5, Takayama, Ikoma, Nara 630-0101, Japan.
SO NATURE CELL BIOLOGY, (2001 Feb) 3 (2) 158-64.
Journal code: 100890575. ISSN: 1465-7392.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AA088547; GENBANK-AB047079
EM 200103
ED Entered STN: 20010404
Last Updated on STN: 20020420
Entered Medline: 20010329

L5 ANSWER 23 OF 40 MEDLINE
AN 2000283884 MEDLINE
~~DN 20283884~~ ~~PubMed ID: 10823929~~
TI In search of gamma-secretase: presenilin at the cutting edge.
CM Comment on: Proc Natl Acad Sci U S A. 2000 May 23;97(11):6138-43
AU Selkoe D J; Wolfe M S
CS Center for Neurologic Diseases, Harvard Medical School and Brigham and
Women's Hospital, 77 Avenue Louis Pasteur, HIM 730, Boston, MA 02115,
USA.. selkoe@cnd.bwh.harvard.edu
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (2000 May 23) 97 (11) 5690-2.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Commentary
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200006
ED Entered STN: 20000714
Last Updated on STN: 20020420
Entered Medline: 20000630

L5 ANSWER 24 OF 40 MEDLINE
AN 2001076244 MEDLINE
DN 20524004 PubMed ID: 11058174
TI Pausing to decide.
CM Comment on: Proc Natl Acad Sci U S A. 2000 Nov 7;97(23):12625-30
AU Niwa M; Walter P
CS Howard Hughes Medical Institute and Department of Biochemistry and

Biophysics, University of California, San Francisco, CA 9410448, USA.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
 AMERICA, (2000 Nov 7) 97 (23) 12396-7. Ref: 16
 Journal code: 7505876. ISSN: 0027-8424.
 CY United States
 DT Commentary
 Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200101
 ED Entered STN: 20010322
 Last Updated on STN: 20030218
 Entered Medline: 20010111

L5 ANSWER 25 OF 40 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 AN 2001:21276 BIOSIS
 DN PREV200100021276
 TI IRE1 and efferent signaling from the endoplasmic reticulum.
 AU Urano, Fumihiko; Bertolotti, Anne; Ron, David (1)
 CS (1) Skirball Institute of Biomolecular Medicine, the Departments of
 Medicine, Cell Biology and the Kaplan Cancer Center, New York University
 School of Medicine, New York, NY, 10016: ron@saturn.med.nyu.edu USA
 SO Journal of Cell Science, (November, 2000) Vol. 113, No. 21, pp. 3697-3702.
 print.
 ISSN: 0021-9533.
 DT Editorial
 LA English
 SL English

L5 ANSWER 26 OF 40 MEDLINE
 AN 2000428445 MEDLINE
 DN 20387388 PubMed ID: 10835430
 TI Ligand-independent dimerization activates the stress response kinases IRE1
 and PERK in the lumen of the endoplasmic reticulum.
 AU Liu C Y; Schroder M; Kaufman R J
 CS Howard Hughes Medical Institute and the Department of Biological
 Chemistry, University of Michigan Medical Center, Ann Arbor, Michigan
 48109-0650, USA.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Aug 11) 275 (32) 24881-5.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200009
 ED Entered STN: 20000922
 Last Updated on STN: 20020420
 Entered Medline: 20000914

L5 ANSWER 27 OF 40 MEDLINE DUPLICATE 6
 AN 2000325333 MEDLINE
 DN 20325333 PubMed ID: 10866666
 TI ATF6 as a transcription activator of the endoplasmic reticulum stress
 element: thapsigargin stress-induced changes and synergistic interactions
 with NF-Y and YY1.
 AU Li M; Baumeister P; Roy B; Phan T; Foti D; Luo S; Lee A S
 CS Department of Biochemistry and Molecular Biology, and the USC/Norris
 Comprehensive Cancer Center, Keck School of Medicine of the University of
 Southern California, Los Angeles, California 90089-9176, USA.
 NC CA27607 (NCI)
 EY03040 (NEI)
 SO MOLECULAR AND CELLULAR BIOLOGY, (2000 Jul) 20 (14) 5096-106.
 Journal code: 8109087. ISSN: 0270-7306.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals

EM 200007
ED Entered STN: 20000810
Last Updated on STN: 20030218
Entered Medline: 20000724

L5 ANSWER 28 OF 40 MEDLINE
AN 2001090440 MEDLINE
DN 20490771 PubMed ID: 11034898
TI IRE1 and efferent signaling from the endoplasmic reticulum.
AU Urano F; Bertolotti A; Ron D
CS Skirball Institute of Biomolecular Medicine, New York University School of
Medicine, New York, New York 10016, USA.
NC DK47119 (NIDDK)
ES08681 (NIEHS)
SO JOURNAL OF CELL SCIENCE, (2000 Nov) 113 Pt 21 3697-702. Ref: 47
Journal code: 0052457. ISSN: 0021-9533.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200101
ED Entered STN: 20010322
Last Updated on STN: 20030211
Entered Medline: 20010125

L5 ANSWER 29 OF 40 MEDLINE DUPLICATE 7
AN 2001052898 MEDLINE
DN 20523811 PubMed ID: 11069889
TI The endoribonuclease activity of **mammalian IRE1**
autoregulates its mRNA and is required for the unfolded protein response.
AU Tirasophon W; Lee K; Callaghan B; Welihinda A; Kaufman R J
CS Department of Biological Chemistry, University of Michigan Medical Center,
Ann Arbor, Michigan 48109-0650, USA.
SO GENES AND DEVELOPMENT, (2000 Nov 1) 14 (21) 2725-36.
Journal code: 8711660. ISSN: 0890-9369.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200012
ED Entered STN: 20010322
Last Updated on STN: 20030211
Entered Medline: 20001212

L5 ANSWER 30 OF 40 MEDLINE DUPLICATE 8
AN 2000115960 MEDLINE
DN 20115960 PubMed ID: 10650002
TI Coupling of stress in the ER to activation of JNK protein kinases by
transmembrane protein kinase IRE1.
AU Urano F; Wang X; Bertolotti A; Zhang Y; Chung P; Harding H P; Ron D
CS Skirball Institute of Biomolecular Medicine, Departments of Medicine, Cell
Biology and the Kaplan Cancer Center, New York University Medical School,
New York, NY 10016, USA.
NC DK47119 (NIDDK)
ES08681 (NIEHS)
SO SCIENCE, (2000 Jan 28) 287 (5453) 664-6.
Journal code: 0404511. ISSN: 0036-8075.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200002
ED Entered STN: 20000309
Last Updated on STN: 20020420
Entered Medline: 20000218

L5 ANSWER 31 OF 40 MEDLINE

AN 2001063274 MEDLINE
DN 20416201 PubMed ID: 10959033
TI Role of presenilin in gamma-secretase cleavage of amyloid precursor protein.
AU Xia W
CS Department of Neurology, Harvard Medical School, School and Center for Neurologic Diseases, Brigham and Women's Hospital, 77 Avenue Louis Pasteur, Boston, MA 02115, USA.. xia@cnd.bwh.harvard.edu
SO EXPERIMENTAL GERONTOLOGY, (2000 Jul) 35 (4) 453-60. Ref: 30
Journal code: 0047061. ISSN: 0531-5565.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200012
ED Entered STN: 20010322
Last Updated on STN: 20020420
Entered Medline: 20001222

L5 ANSWER 32 OF 40 MEDLINE
AN 2000155423 MEDLINE
DN 20155423 PubMed ID: 10693756
TI Regulated intramembrane proteolysis: a control mechanism conserved from bacteria to humans.
AU Brown M S; Ye J; Rawson R B; Goldstein J L
CS Department of Molecular Genetics, University of Texas Southwestern Medical Center, Dallas 75390-9046, USA.. mbrowl@mednet.swmed.edu
NC HL20948 (NHLBI)
SO CELL, (2000 Feb 18) 100 (4) 391-8. Ref: 53
Journal code: 0413066. ISSN: 0092-8674.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200003
ED Entered STN: 20000327
Last Updated on STN: 20020420
Entered Medline: 20000316

L5 ANSWER 33 OF 40 MEDLINE
AN 2000313073 MEDLINE
DN 20313073 PubMed ID: 10854322
TI Dynamic interaction of BiP and ER stress transducers in the unfolded-protein response.
AU Bertolotti A; Zhang Y; Hendershot L M; Harding H P; Ron D
CS Skirball Institute of Biomolecular Medicine, Departments of Medicine and Cell Biology and the Kaplan Cancer Center, New York University School of Medicine, New York, New York 10016, USA.
NC DK47119 (NIDDK)
ES08681 (NIEHS)
SO NATURE CELL BIOLOGY, (2000 Jun) 2 (6) 326-32.
Journal code: 100890575. ISSN: 1465-7392.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200007
ED Entered STN: 20000728
Last Updated on STN: 20020420
Entered Medline: 20000717

L5 ANSWER 34 OF 40 MEDLINE
AN 2001140446 MEDLINE
DN 21066686 PubMed ID: 11146108
TI Characterization of mouse Irel alpha: cloning, mRNA localization in the

DUPLICATE 9

brain and functional analysis in a neural cell line.
 AU Miyoshi K; Katayama T; Imaizumi K; Taniguchi M; Mori Y; Hitomi J; Yui D;
 Manabe T; Gomi F; Yoneda T; Tohyama M
 CS Department of Anatomy and Neuroscience, Graduate School of Medicine, Osaka
 University, 2-2 Yamadaoka, Suita, Osaka 565-0871, Japan..
 miyoshi@anat2.med.osaka-u.ac.jp
 SO BRAIN RESEARCH. MOLECULAR BRAIN RESEARCH, (2000 Dec 28) 85 (1-2) 68-76.
 Journal code: 8908640. ISSN: 0169-328X.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200103
 ED Entered STN: 20010404
 Last Updated on STN: 20020420
 Entered Medline: 20010308

L5 ANSWER 35 OF 40 MEDLINE DUPLICATE 10
 AN 2000084441 MEDLINE
 DN 20084441 PubMed ID: 10619423
 TI A role for presenilin-1 in nuclear accumulation of Irel
 fragments and induction of the mammalian unfolded protein
 response.
 AU Niwa M; Sidrauski C; Kaufman R J; Walter P
 CS Howard Hughes Medical Institute and Department of Biochemistry and
 Biophysics University of California, School of Medicine, San Francisco
 94143-0448, USA.
 SO CELL, (1999 Dec 23) 99 (7) 691-702.
 Journal code: 0413066. ISSN: 0092-8674.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200002
 ED Entered STN: 20000209
 Last Updated on STN: 20030218
 Entered Medline: 20000201

L5 ANSWER 36 OF 40 MEDLINE
 AN 2000426720 MEDLINE
 DN 20056448 PubMed ID: 10587643
 TI Presenilin-1 mutations downregulate the signalling pathway of the
 unfolded-protein response.
 AU Katayama T; Imaizumi K; Sato N; Miyoshi K; Kudo T; Hitomi J; Morihara T;
 Yoneda T; Gomi F; Mori Y; Nakano Y; Takeda J; Tsuda T; Itoyama Y; Murayama
 O; Takashima A; St George-Hyslop P; Takeda M; Tohyama M
 CS Department of Anatomy and Neuroscience, Graduate School of Medicine, Osaka
 University, 2-2 Yamadaoka, Suita, Osaka 565-0871, Japan.
 SO NATURE CELL BIOLOGY, (1999 Dec) 1 (8) 479-85.
 Journal code: 100890575. ISSN: 1465-7392.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200009
 ED Entered STN: 20000922
 Last Updated on STN: 20020420
 Entered Medline: 20000908

L5 ANSWER 37 OF 40 MEDLINE DUPLICATE 11
 AN 1999366842 MEDLINE
 DN 99366842 PubMed ID: 10440230
 TI The cellular response to protein misfolding in the endoplasmic reticulum.
 AU Welihinda A A; Tirasophon W; Kaufman R J
 CS Department of Biological Chemistry, The University of Michigan Medical
 Center, Ann Arbor 48109-0650, USA.
 SO GENE EXPRESSION, (1999) 7 (4-6) 293-300. Ref: 51
 Journal code: 9200651. ISSN: 1052-2166.
 CY United States

DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 199910
ED Entered STN: 19991101
Last Updated on STN: 19991101
Entered Medline: 19991020

L5 ANSWER 38 OF 40 MEDLINE DUPLICATE 12
AN 1998429494 MEDLINE
DN 98429494 PubMed ID: 9755171
TI Cloning of mammalian Irel reveals diversity in the ER
stress responses.
AU Wang X Z; Harding H P; Zhang Y; Jolicoeur E M; Kuroda M; Ron D
CS Skirball Institute of Biomolecular Medicine, the Departments of Medicine,
Cell Biology and the Kaplan Cancer Center, NYU Medical Center, New York,
NY 10016, USA.
NC CA73181 (NCI)
DK47119 (NIDDK)
ES08681 (NIEHS)
SO EMBO JOURNAL, (1998 Oct 1) 17 (19) 5708-17.
Journal code: 8208664. ISSN: 0261-4189.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF071777
EM 199811
ED Entered STN: 19990106
Last Updated on STN: 20030211
Entered Medline: 19981123

L5 ANSWER 39 OF 40 MEDLINE DUPLICATE 13
AN 1998301437 MEDLINE
DN 98301437 PubMed ID: 9637683
TI A stress response pathway from the endoplasmic reticulum to the nucleus
requires a novel bifunctional protein kinase/endoribonuclease (
Irelp) in mammalian cells.
AU Tirasophon W; Welihinda A A; Kaufman R J
CS Department of Biological Chemistry and the Howard Hughes Medical
Institute, University of Michigan Medical Center, Ann Arbor, Michigan
48109, USA.
SO GENES AND DEVELOPMENT, (1998 Jun 15) 12 (12) 1812-24.
Journal code: 8711660. ISSN: 0890-9369.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF059198
EM 199807
ED Entered STN: 19980811
Last Updated on STN: 20030218
Entered Medline: 19980727

L5 ANSWER 40 OF 40 MEDLINE DUPLICATE 14
AN 95113875 MEDLINE
DN 95113875 PubMed ID: 7814417
TI Requirement of tyrosine- and serine/threonine kinases in the
transcriptional activation of the mammalian grp78/BiP promoter by
thapsigargin.
AU Cao X; Zhou Y; Lee A S
CS Department of Biochemistry and Molecular Biology, University of Southern
California School of Medicine, Los Angeles 90033-0800.
NC R37 CA27607 (NCI)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Jan 6) 270 (1) 494-502.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States

DT Journal; Article; (JOURNAL [REDACTED] TICLE)
LA English
FS Priority Journals
EM 199502
ED Entered STN: 19950217
Last Updated on STN: 19980206
Entered Medline: 19950203
